

L Numb r	Hits	S arch Text	DB	Time stamp
1	847	429/26.ccls.	USPAT; US-PGPUB; EP ; JP ; DERWENT	2003/06/18 14:55
2	4	"912460"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 14:55
3	2483	kawahara-t\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:08
4	90	kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:08
5	32	(kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) and (temp temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:02
6	1	2002-270853.NRAN.	DERWENT	2003/06/18 14:58
7	2	"07320755"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:05
8	1	1996-063245.NRAN.	DERWENT	2003/06/18 15:03
9	847	429/26.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:07
11	288	kawahara-t\$.in.	USPAT; US-PGPUB	2003/06/18 15:08
12	13	kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:08
10	63	429/26.ccls. and (temperature near3 gradient)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:27
13	22	5547776.URPN.	USPAT	2003/06/18 15:14
14	125	429/17.ccls. and 429/26.ccls.	USPAT; US-PGPUB; EPO; JP ; DERWENT	2003/06/18 15:27
15	20	(429/17.ccls. and 429/26.ccls.) and humidificati n	USPAT; US-P PUB; EPO; JP ; DERWENT	2003/06/18 15:28

16	1	(429/17.ccls. and 429/26.ccls.) and ((s If r aut n mous) near2 (humidification humidifying))	USPAT; US-P PUB; EP ; JPO; DERWENT	2003/06/18 15:28
17	1711	429/17.ccls. 429/26.ccls. 429/25.ccls.	USPAT; US-P PUB; EPO; JPO; DERWENT	2003/06/18 15:29
18	2	(429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:30
19	1709	(429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:30
20	1689	((429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) not ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self or autonomous) near2 (humidification humidifying))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:30
21	578	((429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) not ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self or autonomous) near2 (humidification humidifying)))) and (temperature with (oxidant air))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:31
22	234	((429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) not ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self or autonomous) near2 (humidification humidifying)))) and ((humidifying humidification) (self adj (humidifying humidification)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 15:31

23	144	(((429/17.ccls. 429/26.ccls. 429/25.ccls.) n t ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) n t ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self r autonomous) near2 (humidification humidifying)))) and (temperature with (oxidant air))) and (((429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) not ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self or autonomous) near2 (humidification humidifying)))) and ((humidifying humidification) (self adj (humidifying humidification))))	USPAT; US-P PUB; EP ; JP ; DERWENT	2003/06/18 15:32
24	17	(429/17.ccls. 429/26.ccls. 429/25.ccls.) and (temperature with (steap vapor water) with condens\$5 with outlet)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:16
25	44609	fuel adj cell\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:17
26	158367	hydrophobic hydrophobicity	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:18
27	178361	hydrophilic hydrophillic hydrophilicity	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:18
28	57	self adj humidif\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:19
29	7	(fuel adj cell\$1) and (hydrophobic hydrophobicity) and (hydrophilic hydrophillic hydrophilicity) and (self adj humidif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:39
30	2	5547776.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 16:45
31	22	5547776.URPN.	USPAT	2003/06/18 16:39
32	13	("3761316" "4129685" "4324844" "4729932" "4795683" "4826742" "4973530" "4988583" "5108849" "5230966" "5260143" "5262249" "5382478").PN.	USPAT	2003/06/18 16:44

34	122333	(oxidant air) n ar3 (inl t)	USPAT; US-P PUB; EP ; JP ; DERWENT	2003/06/18 16:45
35	8717	(c lant) n ar3 (inl t)	USPAT; US-P PUB; EPO; JPO; DERWENT	2003/06/18 17:02
36	33	4973530.URPN.	USPAT	2003/06/18 16:49
37	43	5200278.URPN.	USPAT	2003/06/18 16:49
38	27	(((429/17.ccls. 429/26.ccls. 429/25.ccls.) not ((429/17.ccls. 429/26.ccls. 429/25.ccls.) and kawahara-t\$.in.)) not ((kawahara-t\$.in. and (429/\$.ccls. h01m\$.ipc.)) ((429/17.ccls. and 429/26.ccls.) and humidification) ((429/17.ccls. and 429/26.ccls.) and ((self or autonomous) near2 (humidification humidifying)))))) and ((oxidant air) with (counter countercurrent\$2 counter-current\$3 opposite) with (coolant))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:13
39	453	((oxidant air) with (counter countercurrent\$2 counter-current\$3 opposite) with (coolant))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:14
40	5989	((oxidant air) with (condens\$5 humidif\$7) with (outlet\$ exit))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:16
41	232111	(((oxidant air) with (counter countercurrent\$2 counter-current\$3 opposite) with (coolant))) (((oxidant air) with (condens\$5 humidif\$7) with (outlet\$ exit))) (429/\$.ccls. h01m\$.ipc. (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:16
42	224	((((oxidant air) with (counter countercurrent\$2 counter-current\$3 opposite) with (coolant))) (((oxidant air) with (condens\$5 humidif\$7) with (outlet\$ exit)))) and (429/\$.ccls. h01m\$.ipc. (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:24
43	15096	condens\$6 near5 outlet\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:25
44	14910	(condens\$6 near5 outlet\$1) not (fuel adj cell\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:29
45	186	(c ndens\$6 near5 utlet\$1) n t ((c nd ns\$6 n ar5 utlet\$1) n t (fuel adj c ll\$1))	USPAT; US-P PUB; EP ; JPO; DERWENT	2003/06/18 17:25

46	1	((c nd ns\$6 n ar5 utl t\$1) not ((condens\$6 n ar5 utl t\$1) n t (fuel adj cell\$1))) and (s lf n ar2 humidif\$6)	USPAT; US-P PUB; EP ; JPO; DERWENT	2003/06/18 17:26
47	185	((c nd ns\$6 n ar5 utl t\$1) n t ((c nd ns\$6 near5 utl t\$1) n t (fu l adj c ll\$1))) n t (((condens\$6 near5 outlet\$1) not ((condens\$6 near5 outlet\$1) not (fuel adj cell\$1))) and (self near2 humidif\$6))	USPAT; US-P PUB; EPO; JPO; DERWENT	2003/06/18 17:26
48	1882	(condens\$6 near5 outlet\$1) with (temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:28
49	1846	((condens\$6 near5 outlet\$1) with (temperature)) not (fuel adj cell\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:29
50	36	((condens\$6 near5 outlet\$1) with (temperature)) not (((condens\$6 near5 outlet\$1) with (temperature)) not (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:31
51	2	"08031437"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:34
52	1	1996-144183.NRAN.	DERWENT	2003/06/18 17:32
53	3	4345008.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:36
54	978439	temperature near5 (elevated high higher reduced low lower cooler hotter warmer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:59
55	969172	(temperature near5 (elevated high higher reduced low lower cooler hotter warmer)) not (fuel adj cell\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:43
56	9267	(temperature near5 (elevated high higher reduced low lower cooler hotter warmer)) not ((temperature near5 (elevated high higher reduced low lower cooler hotter warmer)) not (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:43
57	119	(condens\$6 near5 outlet\$1) and ((temperature near5 (elevated high higher reduced low lower cooler hotter warmer)) not ((temperature near5 (elevated high higher r duc d l w l w r c l r h tt r warmer)) n t (fu l adj c ll\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:44

58	30	((c nd ns\$6 n ar5 utl t\$1) and ((t mp ratur n ar5 (el vat d high high r reduc d low l w r co l r h tter warmer)) n t ((t mp ratur near5 (l vat d high higher r duced low l w r c l r h tt r warm r)) n t (fu l adj c ll\$1)))) and ((c nd ns\$6 near5 outlet\$1) with (air oxidant cathode))	USPAT; US-PGPUB; EP ; JP ; DERWENT	2003/06/18 17:55
59	308792	upstream up-stream	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:55
60	388604	downstream down-stream	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:55
61	243	(upstream up-stream) near10 (hydrophobi\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
62	111	(upstream up-stream) near10 (hydrophil\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
63	213	(downstream down-stream) near10 (hydrophobi\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
64	15	((upstream up-stream) near10 (hydrophil\$7)) and ((downstream down-stream) near10 (hydrophobi\$7))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
65	14	((upstream up-stream) near10 (hydrophil\$7)) and ((downstream down-stream) near10 (hydrophobi\$7))) not (fuel adj cell\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
66	1	((upstream up-stream) near10 (hydrophil\$7)) and ((downstream down-stream) near10 (hydrophobi\$7))) not (((upstream up-stream) near10 (hydrophil\$7)) and ((downstream down-stream) near10 (hydrophobi\$7))) not (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:56
67	716437	temperature near5 (elevated high higher hotter warmer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:58
68	128308	(air oxidant cathode) near3 (inlet\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 17:59
69	541994	t mperatur n ar5 (r duc d l w low r co l r)	USPAT; US-PGPUB; EP ; JPO; DERWENT	2003/06/18 18:00

70	87952	(air oxidant cathode) near3 (outlet\$1)	USPAT; US-P PUB; EP ; JP ; DERWENT	2003/06/18 18:00
71	940	(temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))	USPAT; US-P PUB; EPO; JPO; DERWENT	2003/06/18 18:00
72	1293	(temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:01
73	147	((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:01
74	137	((((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:01
76	137	(((((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (fuel adj cell\$1)) not (((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (fuel adj cell\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:01
75	10	((((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (fuel adj cell\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:07
77	3539	humidifying.ti. humidification.ti.	USPAT; US-P PUB; EP ; JP ; DERWENT	2003/06/18 18:07

78	3303	(humidifying.ti. humidificati n.ti.) n t (fu l adj ll\$1)	USPAT; US-P PUB; EP ; JP ; DERWENT	2003/06/18 18:08
79	236	(humidifying.ti. humidificati n.ti.) n t ((humidifying.ti. humidificati n.ti.) n t (fuel adj cell\$1))	USPAT; US-P PUB; EPO; JPO; DERWENT	2003/06/18 18:08
80	38	((humidifying.ti. humidification.ti.) not ((humidifying.ti. humidification.ti.) not (fuel adj cell\$1))) and ((temperature near5 (elevated high higher hotter warmer)) (temperature near5 (reduced low lower cooler)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:08
81	38	(((humidifying.ti. humidification.ti.) not ((humidifying.ti. humidification.ti.) not (fuel adj cell\$1))) and ((temperature near5 (elevated high higher hotter warmer)) (temperature near5 (reduced low lower cooler)))) not (((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (((temperature near5 (reduced low lower cooler)) with ((air oxidant cathode) near3 (outlet\$1))) and ((temperature near5 (elevated high higher hotter warmer)) with ((air oxidant cathode) near3 (inlet\$1)))) not (fuel adj cell\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 18:08
82	1	1985-236113.NRAN.	DERWENT	2003/06/18 18:09
83	12	4539267.URPN.	USPAT	2003/06/18 18:09